

Attorney Docket No.: 2001P07465US

2

In the Claims

1. (Currently Amended) A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving an unsolicited message in an external data format from an external data source for the mobile device, the external data format defining a structure of data in the ~~unsolicited~~ unsolicited message;

converting the unsolicited message from the external data format to an internal data format; [[and]]

providing the unsolicited message in the internal data format to the mobile device; and providing a service module within the integrated communication server, the service module operable to:

process network configuration requests,

process subscriber configuration requests, and

maintain a list of registered component interfaces.

2. (Currently Amended) The method of Claim 1, ~~the internal data format comprising extensible markup language~~ providing operations, administration, maintenance and provisioning functionality for the private network.

3. (Previously Presented) The method of Claim 1, further comprising:
receiving a response message in the internal data format from the mobile device for the external data source, the response message based on the unsolicited message;

converting the response message from the internal data format to the external data format; and

providing the response message in the external data format to the external data source.

4. (Previously Presented) The method of Claim 3, the internal data format comprising extensible markup language.

Attorney Docket No.: 2001P07465US

3

5. (Currently Amended) A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving a request message in an internal data format from the mobile device for an external data source, the internal data format defining a structure of data in the request message;
converting the request message from the internal data format to an external data format;
[[and]]

providing the request message in the external data format to the external data source; and
providing a service module within the integrated communication server, the service module operable to:

process network configuration requests,

process subscriber configuration requests, and

maintain a list of registered component interfaces.

6. (Previously Presented) The method of Claim 5, ~~the internal data format comprising extensible markup language~~ providing operations, administration, maintenance and provisioning functionality for the private network.

7. (Previously Presented) The method of Claim 5, further comprising:
receiving a response message in the external data format from the external data source for the mobile device, the response message based on the request message;
converting the response message from the external data format to the internal data format; and
providing the response message in the internal data format to the mobile device.

8. (Previously Presented) The method of Claim 7, the internal data format comprising extensible markup language.

9. (Currently Amended) A system for providing data applications for a mobile devices through an integrated communication server of a private network, comprising:
a computer-processable medium; and

Attorney Docket No.: 2001P07465US

4

logic stored on the computer-processable medium, the logic operable to receive an unsolicited external message in an external data format from an external data source for the mobile device, the external data format defining a structure of data in the external message, to convert the external message from the external data format to an internal data format, ~~[[and]]~~ to provide the external message in the internal data format to the mobile device, to process network configuration requests, to process subscriber configuration requests, and to maintain a list of registered component interfaces.

10. (Currently Amended) The system of Claim 9, ~~the internal data format comprising extensible markup language~~ providing operations, administration, maintenance and provisioning functionality for the private network.

11. (Previously Presented) The system of Claim 9, the logic further operable to receive an internal message in the internal data format from the mobile device for the external data source, to convert the internal message from the internal data format to the external data format, and to provide the internal message in the external data format to the external data source.

12. (Previously Presented) The system of Claim 11, the internal data format comprising extensible markup language.

Attorney Docket No.: 2001P07465US

5

13. (Currently Amended) A integrated communication server of a private network operable to provide data applications for a mobile device, the server comprising an external data publisher operable to convert incoming data in one of a plurality of external data formats into incoming data in an internal data format, the external data format defining a structure of the incoming data, and a service module operable to process network configuration requests, to process subscriber configuration requests, and to maintain a list of registered component interfaces.
14. (Previously Presented) The server of Claim 13, the external data publisher further operable to receive the incoming data in the external data format from an external data source, the external data format for the incoming data based on the external data source.
15. (Previously Presented) The server of Claim 14, the external data publisher further operable to send the incoming data in the internal data format to the mobile device.
16. (Previously Presented) The server of Claim 13, the external data publisher further operable to convert outgoing data in the internal data format into outgoing data in one of the external data formats, the external data format for the outgoing data based on a corresponding external data source operable to receive the outgoing data.
17. (Previously Presented) The server of Claim 16, the external data publisher further operable to receive the outgoing data in the internal data format from the mobile device.
18. (Previously Presented) The server of Claim 17, the external data publisher further operable to send the outgoing data in the external data format to the corresponding external data source.
19. (Previously Presented) The server of Claim 13, the external data publisher further operable to implement an abstraction of each of the external data formats.

Attorney Docket No.: 2001P07465US

20. (Previously Presented) The server of Claim 19, the external data publisher⁶ further operable to provide an interface for each of a plurality of external data sources, each external data source corresponding to one of the external data formats, each of the interfaces decoupled from the abstraction of the corresponding external data format.

Attorney Docket No.: 2001P07465US

7

21. (Currently Amended) A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving an unsolicited message in an external format from an external data source for the mobile device;

converting the unsolicited message from the external data format to an internal data format, the internal data format comprising extensible markup language defining a structure of data in the ~~unsolicited~~ unsolicited message;

providing the unsolicited message in the internal data format to the mobile device;

receiving a first response message in the internal data format from the mobile device for the external data source, the first response message based on the unsolicited message;

converting the first response message from the internal data format to the external data format;

providing the first response message in the external data format to the external data source;

receiving a request message in an internal data format from the mobile device for an external data source;

converting the request message from the internal data format to an external data format;

providing the request message in the external data format to the external data source;

receiving a second response message in the external data format from the external data source for the mobile device, the second response message based on the request message;

converting the second response message from the external data format to the internal data format; [[and]]

providing the second response message in the internal data format to the mobile device;

and

providing a service module within the integrated communication server, the service module operable to:

process network configuration requests,

process subscriber configuration requests, and

maintain a list of registered component interfaces.